



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **MIYAMOTO, et al.**

Group Art Unit: 3745

Serial No.: 09/473,137

Examiner: **C. Verdier**

Filed: **December 28, 1999**

**P.T.O. Confirmation No.: 9634**

For: **TURBO-MOLECULAR PUMP**

**AMENDMENT UNDER 37 CFR §1.111**

Commissioner for Patents  
Washington, D.C. 20231

April 28, 2003

Sir:

In response to the Office Action dated **December 27, 2002**, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Cancel** claims 85-86 without prejudice or disclaimer.

**Amend** claims 43-46, 51, 54, 55, 65-67, 72, 75, 76, 80, 81, 83, 89 and 93 as indicated below:

43. (Amended) A turbo-molecular pump according to claim 38, further comprising an impact absorbing structure provided in said casing portion.

44. (Amended) A turbo-molecular pump according to claim 43, wherein said impact absorbing structure comprises an inner casing surrounding said vane pumping section and/or said groove pumping section.

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